



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE105-31762W1-5
Job Sheet 185238



Part No: RBE105-31762W1-5

Job Qty: 5 ea

Part Name: Drift



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/18

Job Tracking No:

Due Date: 11/9/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE105-31762W1 Rev.1 IPP Rev. A 18.10.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	5 Ea	11/9/18	11/9/18	0.00	0.00	Start Up Machining-3		
110	Lathe Conv	5 pcs	11/9/18	11/9/18	0.00	2.50	Lathe Conv-1		
120	QC	5 pcs	11/9/18	11/9/18	0.00	0.00	QC2 Machining-4		
130	Mill Conv	5 pcs	11/9/18	11/9/18	0.00	1.25	Mill Conv 1		
140	QC	5 pcs	11/9/18	11/9/18	0.00	0.00	QC2 Machining-4		
150	QC	5 pcs	11/9/18	11/9/18	0.00	0.00	QC8 Machining-4		
180	Outsource	5 pcs	11/9/18	11/9/18			GRO002-VC		
190	Packaging	.5 pcs	11/9/18	11/9/18	0.00	0.00	Packaging2		
200	QC	5 pcs	11/9/18	11/9/18	0.00	0.00	QC6		
210	Packaging	5 pcs	11/9/18	11/9/18	0.00	0.00	Packaging3-1		
220	QC21-SA	5 Ea	11/9/18	11/9/18	0.00	0.00	QC21		

Part Op 110 - 1-Machine as per DWG. 2-Deburr
Descriptions: 130 - 1-Machine as per DWG. 2-Deburr

180 - -Issue P/O to GROUPE ALTECH: P/O 041547 -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required

DAG 21 NOV 08 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R2.250	AISI 4140 Quenched & Tempered Steel Round Bar 2.250" Dia.	.2100 ft (.042 ea)	90-Start up Operation	SD92919

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R2.250	0	4	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____ Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS					
	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐			

Date : _____ Step #: _____ QTY Effective : _____

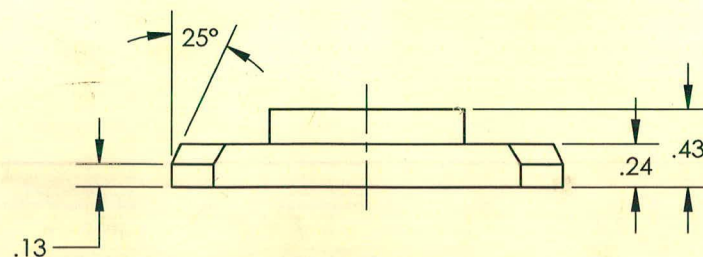
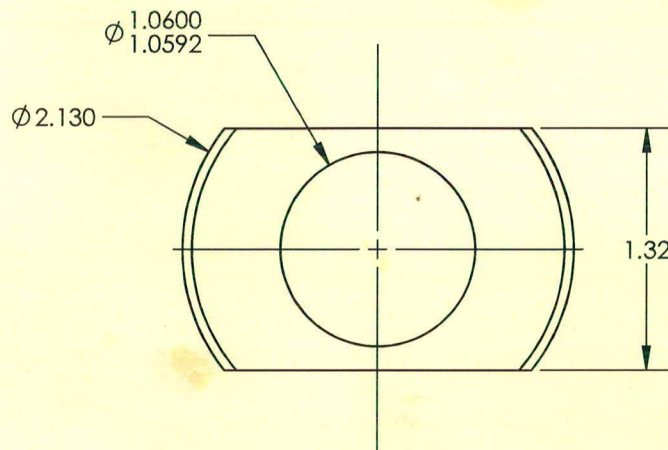
Description Work Order Deviation

DART AEROSPACE
 Container No: S123695
 Part: RBE105-31762W1-5
 Job No: 185238
 Serial No/Batch: S123695
 Revision: 1
 Inspector: _____
 Exp Date: _____
 Instructions: _____
 Date: 11/01/18
 Uart Aerospace Ltd.
 1270 Auerden Street
 Hawkesbury, ON K6A 1K7
 CANADA S13 6S2-6200
 Tel.: 519 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Root Cause			Root Cause			Root Cause		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Design ☐	Operator ☐	Bending ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Material ☐	Use for Testing ☐	Cuffs ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Internal Transport ☐	Poor Information ☐	Crushing ☐						
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐						
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐						
Substation ☐	Process Improvement ☐	Marks/Chatter ☐						
Past Expiry Date ☐	Manufacturing Process ☐							
Misidentified ☐	Past Due ☐	OTHER : _____						

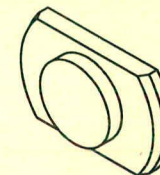
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



(-5)
DRIFT

130



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 185238 MCL
187024

45

DART AEROSPACE	
TITLE PUSHING-OUT DEVICE	
DWG NO. RBE105-31762W1-5	REV 1
MAT'L 4140/4142 TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
USED ON MODEL EC145	
SCALE 1:1	DATE 12/29/2015 SHEET 4 OF 7

mod 4" 1g



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041547**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041547
PO Date: 11/1/18
Due Date: 11/12/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments: Confirm date of delivery upon pricing

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	184936	RBE350A93-3203-20	Seal, Bush Installation Block (MGB) -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Material type; 1018 -Certificate of Conformity is required	Firmed	-	11/8/18	6 pcs	0 pcs	6 pcs	\$31.66667/pcs	\$190.00

Line Item Note ** need by Nov. 8 **

2	185238	RBE105-31762W1-5	Drift -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required	Firmed	-	11/12/18	5 pcs	0 pcs	5 pcs	\$0.01/pcs	\$0.05
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5 x NOV 07 2018

145
38
9-89

Line Item Note Need by Nov. 12 please confirm if possible

Grand Total: \$190.05



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PURCHASE ORDER PO041547

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

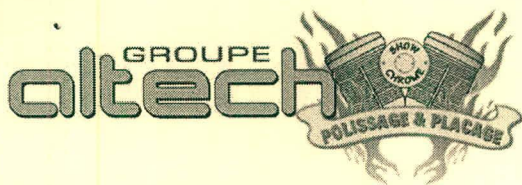
A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/7/18 10:11 AM dart.tsimiklis.chrisoula

CR



Certificat de Conformité / Certificate of Compliance

(014097-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

014097 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
06-Nov-2018		Aman		041547 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
2	RBE105-31762W1-5 Rev. ✓	RBE105-31762W1-5 ZINC PLATE AS PER ASTM B633 TYPE 1 SC2	ZINC CH	5	5 ✓	0	0	0

0 DAS
38
1-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

